

# **NOTICE**

**The Energy Information Administration will not be publishing the monthly Domestic Market Supplement in this report after this issue. These data will be incorporated into the Quarterly Coal Report (QCR) publication beginning with the January through March 1992 data, which will be published in the QCR in July 1992.**

## Preface

The *Weekly Coal Production (WCP)* report provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 through 1990 data, the revision error for a

quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990. Usually the EIA-7A coal production data are higher than the EIA-6 coal production data, due to differences in the threshold reporting requirements.

This publication is prepared by the Survey Management Division, Office of Coal, Nuclear, Electric and Alternate Fuels, Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1990*, and *Coal Data: A Reference*.

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This report was prepared by the Energy Information Administration, the independent statistical and analytical agency within the Department of Energy. The information contained herein should not be construed as advocating or reflecting any policy of the Department of Energy or any other organization.

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## Summary

U.S. coal production in the week ended February 29, 1992, as estimated by the Energy Information Administration, totaled 19 million short tons. This was slightly lower than in the previous week, and 7 percent lower than in the comparable week in 1991.

Production east of the Mississippi River totaled 11 million short tons, and production west of the Mississippi River totaled 8 million short tons.

Total U.S. coal production in January 1992 totaled 85 million short tons. This was 7 percent more than in December 1991 and about the same as in the comparable month in 1991. February 1992 U.S. coal production totaled 79 million short tons. This was 7 percent less than January 1992 and slightly lower than in the comparable month in 1991.

utilities in 1991 totaled 772 million short tons, which was 1 million short tons lower than in 1990, a record year. Coal-fired electricity generation in December 1991 amounted to 132,545 gigawatthours (GWh), 3 percent less than in December 1990, primarily due to the unseasonably warm weather in most regions of the Nation. Total coal-fired electricity generation in 1991 was 1,548,373 GWh. In 1991, coal-fired generation represented 55 percent of total electricity generation, which was 1 percent lower than in 1990. The three States leading in coal-fired generation were Texas, Ohio, and Pennsylvania. Together they accounted for 22 percent of total coal-fired generation.

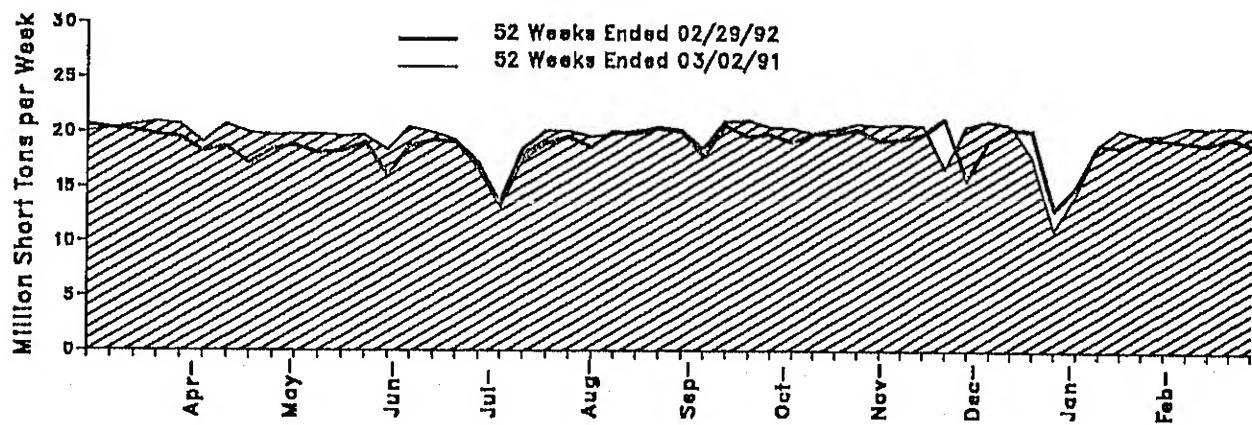
Coal stocks at electric utility plants amounted to 158 million short tons at the end of 1991. This was 2 million short tons more than stocks at the end of 1990, and the highest year-end level since 1987.

Coal receipts at electric utilities in November 1991 were down 3 million short tons both from the previous month and from November 1990. For January through November 1991, coal receipts were 23 million short tons lower than in the comparable period in 1990. Electric utilities in 1990 built up coal stocks by 20 million short tons, whereas in 1991 coal stocks only went up slightly.

### 1991 Domestic Market Summary

In December 1991, electric utility plants consumed 67 million short tons of coal, compared with 68 million short tons a year earlier. Coal consumption at electric

Figure 1. Coal Production



**Table 1. Weekly U.S. Coal Production Overview**

Production and Carloadings	Week Ended			52 Weeks Ended		
	02/29/92	02/22/92	03/02/91	02/29/92	03/02/91	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous Coal <sup>1</sup> and Lignite .....	19,136	19,789	20,574	980,498	1,018,406	-3.7
Pennsylvania Anthracite .....	55	54	63	2,840	3,434	-17.3
U.S. Total .....	19,191	19,843	20,637	983,338	1,021,839	-3.8
Railroad Cars Loaded .....	123,534	127,734	130,478	6,474,730	6,646,929	

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Weekly U.S. Coal Production by Region and State**  
(Thousand Short Tons)

Region and State	Week Ended		
	02/29/92	02/22/92	03/02/91
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi .....	11,397	11,628	12,373
Alabama .....	591	610	506
Illinois .....	1,189	1,239	1,258
Indiana .....	515	480	647
Kentucky .....	2,946	3,002	3,347
Kentucky, Eastern .....	2,110	2,209	2,492
Kentucky, Western .....	836	794	855
Maryland .....	65	70	82
Ohio .....	607	594	667
Pennsylvania Bituminous .....	1,328	1,346	1,322
Tennessee .....	91	91	98
Virginia .....	845	842	914
West Virginia .....	3,219	3,354	3,533
West of the Mississippi .....	7,739	8,161	8,201
Alaska .....	35	36	26
Arizona .....	222	229	281
Arkansas .....	^	^	^
Colorado .....	374	411	314
Iowa .....	7	8	8
Kansas .....	10	11	10
Louisiana .....	22	13	51
Missouri .....	41	43	39
Montana .....	747	772	736
New Mexico .....	440	491	455
North Dakota .....	565	584	630
Oklahoma .....	46	54	25
Texas .....	973	1,007	1,042
Utah .....	445	498	377
Washington .....	95	98	104
Wyoming .....	3,717	3,906	4,103
Bituminous Coal <sup>1</sup> and Lignite Total .....	19,136	19,789	20,574
Pennsylvania Anthracite .....	55	54	63
U.S. Total .....	19,191	19,843	20,637

<sup>1</sup> Includes subbituminous coal.

\* Less than 0.5 thousand short tons.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 3. U.S. Coal Production by Region and State, January 1992**  
(Thousand Short Tons)

Region and State	January 1992	December 1991	January 1991	Year to Date		
				1992	1991	Percent Change
<b>Bituminous Coal<sup>1</sup> and Lignite</b>						
East of the Mississippi .....	49,185	44,622	51,094	49,185	51,094	-3.7
Alabama .....	2,548	2,230	2,419	2,548	2,410	5.3
Illinois .....	5,110	4,882	5,309	5,110	5,309	-5.3
Indiana .....	2,531	2,520	2,625	2,531	2,625	-3.6
Kentucky .....	13,138	11,916	13,710	13,138	13,710	-4.2
Kentucky, Eastern .....	9,597	8,817	10,036	9,597	10,036	-4.4
Kentucky, Western .....	3,541	3,098	3,674	3,541	3,674	-3.6
Maryland .....	290	277	320	299	320	-6.4
Ohio .....	2,414	2,043	2,704	2,414	2,704	-10.7
Pennsylvania Bituminous .....	4,683	3,926	5,125	4,683	5,125	-8.6
Tennessee .....	407	367	432	407	432	-5.8
Virginia .....	3,759	3,383	4,004	3,759	4,004	-6.1
West Virginia .....	14,296	13,078	14,357	14,296	14,357	-.4
West of the Mississippi .....	35,498	34,622	34,716	35,498	34,716	2.3
Alaska .....	158	152	97	156	97	61.5
Arizona .....	980	912	1,060	980	1,060	-7.8
Arkansas .....	2	3	7	2	7	-73.0
Colorado .....	1,352	1,274	1,714	1,352	1,714	-21.1
Iowa .....	32	27	33	32	33	-2.0
Kansas .....	39	40	53	39	53	-27.0
Louisiana .....	162	248	233	162	233	-30.6
Missouri .....	183	194	208	183	208	-11.8
Montana .....	3,514	3,364	3,061	3,514	3,061	14.8
New Mexico .....	2,269	1,975	1,924	2,269	1,924	17.9
North Dakota .....	2,659	2,545	2,620	2,659	2,620	1.5
Oklahoma .....	229	228	133	229	133	72.3
Texas .....	4,302	4,364	4,508	4,302	4,508	-4.6
Utah .....	1,653	1,617	2,013	1,653	2,013	-17.9
Washington .....	418	374	358	418	358	16.9
Wyoming .....	17,548	17,306	16,694	17,548	16,694	5.1
<b>Bituminous Coal<sup>1</sup> and Lignite Total ....</b>	<b>84,683</b>	<b>79,244</b>	<b>85,810</b>	<b>84,683</b>	<b>85,810</b>	<b>-1.3</b>
Pennsylvania Anthracite .....	208	170	248	208	248	-16.2
<b>U.S. Total .....</b>	<b>84,891</b>	<b>79,414</b>	<b>86,058</b>	<b>84,891</b>	<b>86,058</b>	<b>-1.4</b>

<sup>1</sup> Includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-8, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 4. U.S. Coal Production by Region and State, February 1992**  
(Thousand Short Tons)

Region and State	February 1992	January 1992	February 1991	Year to Date		
				1992	1991	Percent Change
<b>Bituminous Coal<sup>1</sup> and Lignite</b>						
East of the Mississippi .....	46,632	49,185	48,503	95,817	99,597	-3.8
Alabama .....	2,446	2,548	2,150	4,994	4,568	9.3
Illinois .....	4,835	5,110	5,176	9,945	10,574	-6.0
Indiana .....	2,239	2,531	2,498	4,770	5,123	-8.9
Kentucky .....	12,176	13,138	13,232	25,314	26,941	-6.0
Kentucky, Eastern .....	8,835	9,597	9,547	18,432	19,583	-5.9
Kentucky, Western .....	3,341	3,541	3,684	6,982	7,358	-6.5
Maryland .....	277	299	309	576	629	-8.4
Ohio .....	2,399	2,414	2,570	4,813	5,275	-8.8
Pennsylvania Bituminous .....	5,103	4,683	4,977	9,786	10,102	-3.1
Tennessee .....	371	407	391	779	823	-5.4
Virginia .....	3,428	3,759	3,635	7,187	7,639	-5.9
West Virginia .....	13,358	14,296	13,566	27,654	27,922	-1.0
West of the Mississippi .....	32,305	35,498	34,089	67,803	68,805	-1.5
Alaska .....	145	156	104	301	200	50.5
Arizona .....	914	980	1,130	1,894	2,190	-13.5
Arkansas .....	2	2	2	4	9	-58.7
Colorado .....	1,520	1,352	1,657	2,871	3,371	-14.8
Iowa .....	30	32	31	62	64	-1.9
Kansas .....	43	39	39	82	92	-11.2
Louisiana .....	95	162	214	257	447	-42.6
Missouri .....	171	183	157	354	364	-2.8
Montana .....	3,093	3,514	3,034	6,807	6,095	8.4
New Mexico .....	1,963	2,269	1,666	4,232	3,590	17.9
North Dakota .....	2,340	2,659	2,598	4,999	5,217	-4.2
Oklahoma .....	208	229	123	437	256	70.6
Texas .....	4,014	4,302	4,185	8,316	8,693	-4.3
Utah .....	1,864	1,653	1,963	3,517	3,976	-11.6
Washington .....	390	418	419	808	776	4.1
Wyoming .....	15,513	17,548	16,770	33,061	33,464	-1.2
<b>Bituminous Coal<sup>1</sup> and Lignite Total .....</b>	<b>78,938</b>	<b>84,683</b>	<b>82,502</b>	<b>163,620</b>	<b>168,402</b>	<b>-2.8</b>
<b>Pennsylvania Anthracite .....</b>	<b>217</b>	<b>208</b>	<b>243</b>	<b>425</b>	<b>492</b>	<b>-13.8</b>
<b>U.S. Total .....</b>	<b>79,154</b>	<b>84,891</b>	<b>82,835</b>	<b>164,045</b>	<b>168,894</b>	<b>-2.9</b>

<sup>1</sup> Includes subbituminous coal.

Note: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 5. Coal Statistics for Electric Utilities, 1982-1991**

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		Million kWh <sup>1</sup>	Percent <sup>2</sup>	
1982 .....	601,427	90.4	165	1.42	593,666	1,192,004	53.2	181,132
1983 .....	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984 .....	684,111	85.5	166	1.39	664,399	1,341,681	55.5	179,727
1985 .....	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,376
1986 .....	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,806
1987 .....	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988 .....	727,775	86.3	147	1.26	758,372	1,540,653	57.0	146,507
1989								
January .....	62,443	82.6	143	1.28	66,767	135,181	58.1	142,538
February .....	58,634	82.9	145	1.28	62,784	127,187	57.9	137,363
March .....	63,218	83.4	144	1.28	62,005	126,725	55.9	139,036
April .....	62,076	82.2	144	1.27	56,144	115,451	55.5	144,674
May .....	64,796	84.0	145	1.30	58,527	119,108	54.1	151,067
June .....	61,272	83.9	145	1.26	63,635	128,015	54.6	148,981
July .....	55,429	83.2	144	1.22	69,720	138,638	53.9	134,865
August .....	70,147	82.9	145	1.29	70,493	141,901	54.9	133,948
September .....	64,539	81.1	146	1.27	62,910	126,898	55.9	135,640
October .....	68,578	80.7	145	1.29	60,581	122,393	55.7	142,280
November .....	65,570	80.7	144	1.28	61,008	124,338	56.7	147,207
December .....	60,515	81.9	143	1.27	72,338	147,227	56.8	135,860
Total .....	753,217	82.4	144	1.28	766,888	1,553,661	55.8	
1990								
January .....	67,636	82.7	145	1.30	68,441	132,823	55.9	138,067
February .....	62,296	82.1	147	1.30	58,112	116,071	54.5	142,890
March .....	67,536	81.9	148	1.31	60,885	123,139	54.5	150,118
April .....	63,888	82.8	147	1.30	57,937	117,280	55.6	158,925
May .....	64,958	83.1	148	1.30	59,260	119,785	53.7	162,821
June .....	63,649	82.4	147	1.28	65,340	132,824	53.2	161,908
July .....	63,427	82.7	145	1.28	71,551	144,359	54.2	153,957
August .....	70,571	83.5	144	1.29	73,106	147,305	54.9	151,095
September .....	65,715	82.2	145	1.28	67,001	135,493	56.9	149,913
October .....	69,170	82.2	146	1.28	64,381	130,182	57.9	156,271
November .....	65,393	82.2	145	1.27	61,041	124,003	58.0	160,811
December .....	62,386	81.6	142	1.26	68,493	136,762	57.6	156,186
Total .....	788,627	82.5	145	1.29	773,549	1,559,606	55.5	
1991								
January .....	63,356	84.5	148	1.28	71,190	141,677	57.1	148,738
February .....	61,059	85.0	147	1.26	58,443	117,536	55.8	152,202
March .....	63,537	86.6	145	1.27	59,195	118,066	53.4	157,031
April .....	60,747	87.1	147	1.28	55,483	112,177	53.7	162,804
May .....	63,005	86.3	148	1.26	61,298	123,684	52.8	165,483
June .....	61,488	86.6	147	1.27	65,777	131,681	53.1	161,410
July .....	64,752	86.3	143	1.24	71,862	143,586	52.9	155,668
August .....	69,552	85.6	143	1.25	71,919	143,898	53.8	153,231
September .....	65,071	85.5	143	1.26	64,852	129,244	55.3	154,051
October .....	68,043	84.1	144	1.25	61,948	125,327	56.2	158,813
November .....	62,634	83.1	143	1.23	63,830	128,973	59.4	158,605
December .....	NA	NA	NA	NA	66,718	132,545	56.7	158,004
Total .....	NA	NA	NA	NA	772,315	1,548,373	54.9	

<sup>1</sup> Kilowatthours

<sup>2</sup> Coal-fired generation as a percentage of total generation.

NA Not available.

Note: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Sources: Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal-Fired Net Generation, December 1991**  
(Million Kilowatthours)

Census Division and State	December 1991	December 1990	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1991	1990	Percent Change	1991	1990
New England .....	1,657	1,664	-0.4	17,147	16,583	3.4	19.7	17.8
Connecticut .....	232	211	9.8	2,118	2,351	-9.9	9.0	7.3
Maine .....	-	-	-	-	-	-	-	-
Massachusetts .....	1,145	1,111	3.1	11,861	11,273	5.2	33.0	30.8
New Hampshire .....	280	342	-18.1	3,168	2,959	7.1	25.0	27.4
Rhode Island .....	-	0	-	0	0	-	.0	.0
Vermont .....	-	-	-	-	-	-	-	-
Middle Atlantic .....	11,312	11,268	.4	130,529	133,671	-2.4	40.1	40.4
New Jersey .....	711	524	35.6	5,237	7,058	-25.8	14.1	19.3
New York .....	2,336	2,064	13.2	24,933	24,617	1.3	19.8	19.1
Pennsylvania .....	8,265	8,680	-4.8	100,359	101,996	-1.6	61.8	61.6
East North Central .....	30,899	31,467	-1.8	365,638	362,333	.9	73.1	74.6
Illinois .....	4,171	4,771	-12.6	53,955	53,866	.2	42.2	42.4
Indiana .....	8,182	8,023	2.0	96,527	96,013	.5	98.3	98.2
Michigan .....	5,314	5,852	-8.2	65,423	65,296	.2	89.1	73.3
Ohio .....	10,481	10,031	4.5	116,241	115,014	1.1	88.0	90.9
Wisconsin .....	2,750	2,789	-1.4	33,489	32,145	4.2	71.0	70.6
West North Central .....	14,132	15,213	-7.1	163,942	164,913	-.6	74.6	75.5
Iowa .....	2,325	2,372	-2.0	25,870	24,880	4.0	82.8	85.7
Kansas .....	2,263	1,949	16.1	23,435	23,720	-1.2	72.4	70.0
Minnesota .....	2,039	2,592	-21.3	24,689	27,588	-10.5	63.4	66.4
Missouri .....	3,674	4,617	-20.4	47,908	48,502	-1.2	79.7	82.2
Nebraska .....	1,203	1,072	12.2	13,563	12,658	7.1	59.0	58.5
North Dakota .....	2,416	2,338	3.3	25,751	25,093	2.6	93.5	93.5
South Dakota .....	213	274	-22.2	2,727	2,473	10.3	41.5	38.5
South Atlantic .....	24,995	27,199	-8.1	310,846	321,984	-3.5	57.5	60.3
Delaware .....	328	409	-19.8	4,598	4,904	-6.2	60.9	69.1
District of Columbia .....	-	-	-	-	-	-	-	-
Florida .....	5,040	5,057	-.3	61,123	59,073	3.5	46.8	47.8
Georgia .....	3,978	5,267	-24.5	59,985	67,565	-11.2	66.1	69.3
Maryland .....	1,884	1,910	-2.4	22,623	23,299	-2.9	59.2	74.0
North Carolina .....	4,100	3,570	14.9	46,763	46,631	.3	56.0	58.4
South Carolina .....	1,883	1,832	3.3	23,166	22,875	1.3	33.2	33.0
Virginia .....	1,937	2,103	-7.9	21,939	21,000	4.5	44.8	44.5
West Virginia .....	5,857	7,051	-16.9	70,649	76,636	-7.8	99.2	99.1
East South Central .....	14,934	15,106	-1.1	184,935	183,434	.8	71.7	74.3
Alabama .....	4,509	4,409	2.3	57,905	53,301	8.6	68.1	69.9
Kentucky .....	6,072	5,772	5.2	71,714	70,500	1.7	95.0	95.5
Mississippi .....	638	526	21.3	6,645	9,446	-8.5	37.1	41.2
Tennessee .....	3,715	4,299	-15.6	46,671	50,187	-7.0	63.1	67.9
West South Central .....	15,707	16,710	-6.0	182,168	180,504	.9	48.2	48.2
Arkansas .....	1,439	1,997	-28.0	19,574	18,161	2.2	51.0	51.7
Louisiana .....	1,861	1,679	10.8	18,912	17,800	6.2	33.2	30.6
Oklahoma .....	2,304	2,436	-5.4	26,028	25,189	3.3	58.0	55.9
Texas .....	10,103	10,598	-4.7	117,654	118,354	-.6	49.5	50.6
Mountain .....	17,552	16,985	3.5	182,134	187,222	-2.7	73.3	75.7
Arizona .....	3,142	2,499	25.7	32,308	31,636	2.1	48.4	50.8
Colorado .....	2,695	2,745	-1.8	28,944	28,603	-2.2	93.3	94.5
Idaho .....	-	-	-	-	-	-	-	-
Montana .....	1,549	1,582	-2.1	16,132	14,903	8.3	57.3	57.9
Nevada .....	1,600	1,601	-.1	15,876	15,053	5.5	77.7	78.1
New Mexico .....	2,162	2,194	-1.5	22,129	25,827	-14.3	88.3	90.6
Utah .....	2,747	2,799	-1.9	28,884	31,519	-8.4	95.8	97.7
Wyoming .....	3,658	3,545	3.2	37,863	38,681	-2.1	97.9	98.2
Pacific .....	1,358	1,170	16.0	11,038	8,961	23.1	4.2	3.2
California .....	-	-	-	-	-	-	-	-
Oregon .....	370	333	11.1	2,814	1,298	116.8	6.1	2.6
Washington .....	958	804	19.2	7,897	7,352	7.4	7.8	7.3
Alaska .....	29	33	-10.4	325	312	4.2	7.6	6.9
Hawaii .....	-	-	-	-	-	-	-	-
U.S. Total .....	132,545	136,762	-3.1	1,548,373	1,559,608	-.7	54.9	55.5

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Consumption at Electric Utility Plants, December 1991**  
(Thousand Short Tons)

Census Division and State	December 1991	November 1991	December 1990	Year to Date		
				1991	1990	Percent Change
New England .....	625	532	623	6,421	6,305	1.8
Connecticut .....	87	70	86	840	958	-12.3
Massachusetts .....	428	374	404	4,339	4,201	3.3
New Hampshire .....	111	88	133	1,242	1,146	8.3
Rhode Island .....	-	-	0	0	0	-
Middle Atlantic .....	4,552	4,004	4,590	52,750	54,197	-2.7
New Jersey .....	281	254	215	2,081	2,740	-24.0
New York .....	944	861	839	10,007	9,993	.1
Pennsylvania .....	3,328	2,890	3,536	40,662	41,465	-1.9
East North Central .....	14,591	14,182	15,000	173,563	171,756	1.1
Illinois .....	2,167	2,373	2,449	27,754	27,396	1.3
Indiana .....	4,044	3,923	4,026	47,720	47,654	.1
Michigan .....	2,420	2,283	2,657	30,108	29,728	1.3
Ohio .....	4,409	4,098	4,271	49,210	48,848	.7
Wisconsin .....	1,551	1,505	1,597	18,771	18,133	3.5
West North Central .....	9,080	8,099	9,589	104,459	103,445	1.0
Iowa .....	1,443	1,367	1,460	15,886	15,331	3.6
Kansas .....	1,432	1,439	1,233	14,758	15,018	-1.7
Minnesota .....	1,364	1,417	1,579	16,261	16,916	-3.9
Missouri .....	1,823	1,868	2,337	24,286	24,231	.2
Nebraska .....	761	671	686	8,524	8,027	6.2
North Dakota .....	2,063	1,992	2,032	22,174	21,579	2.8
South Dakota .....	194	244	261	2,570	2,345	9.6
South Atlantic .....	9,859	10,181	10,807	123,829	128,072	-3.3
Delaware .....	144	148	174	1,958	2,056	-4.8
Florida .....	2,013	1,861	2,051	24,870	24,022	3.5
Georgia .....	1,621	2,097	2,212	24,848	27,812	-10.7
Maryland .....	713	585	741	8,632	8,945	-3.5
North Carolina .....	1,558	1,712	1,383	18,178	18,005	1.0
South Carolina .....	760	815	705	9,218	9,131	1.0
Virginia .....	762	610	814	8,568	8,228	4.1
West Virginia .....	2,289	2,352	2,717	27,557	29,873	-7.8
East South Central .....	6,352	6,415	6,424	78,148	77,579	.7
Alabama .....	1,866	2,038	1,835	23,883	22,010	8.5
Kentucky .....	2,640	2,602	2,540	31,432	30,867	1.8
Mississippi .....	267	236	226	3,570	3,008	-8.2
Tennessee .....	1,579	1,539	1,823	19,263	20,814	-7.4
West South Central .....	11,320	9,789	11,541	127,435	125,698	1.4
Arkansas .....	892	906	1,225	11,978	11,838	1.2
Louisiana .....	1,224	887	1,132	12,406	11,748	5.6
Oklahoma .....	1,442	1,305	1,459	15,668	14,868	5.4
Texas .....	7,767	6,601	7,725	87,383	87,248	.2
Mountain .....	9,455	8,899	9,147	98,404	100,505	-2.1
Arizona .....	1,572	1,492	1,245	16,116	15,758	2.3
Colorado .....	1,413	1,233	1,481	15,416	15,924	-3.2
Montana .....	979	927	998	10,227	9,399	8.8
Nevada .....	747	757	768	7,892	7,270	8.6
New Mexico .....	1,282	1,290	1,275	12,809	15,065	-15.0
Utah .....	1,257	1,028	1,215	12,829	13,563	-5.4
Wyoming .....	2,205	2,172	2,165	23,115	23,526	-1.7
Pacific .....	877	830	773	7,305	5,992	21.9
Oregon .....	232	204	216	1,831	850	115.4
Washington .....	619	599	529	5,179	4,852	6.7
Alaska .....	26	26	28	295	290	1.8
<b>U.S. Total .....</b>	<b>66,718</b>	<b>63,830</b>	<b>68,493</b>	<b>772,315</b>	<b>773,549</b>	<b>-.2</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 8. Coal Stocks at Electric Utility Plants, December 1991**  
(Thousand Short Tons)

Census Division and State	December 31, 1991	November 30, 1991	December 31, 1990	Percent Change December 31: 1991 versus 1990
New England .....	1,128	1,169	1,113	1.4
Connecticut .....	173	151	140	23.5
Massachusetts .....	583	613	597	-2.5
New Hampshire .....	373	405	348	7.2
Rhode Island .....	-	-	28	-
Middle Atlantic .....	16,638	17,119	17,148	-3.0
New Jersey .....	681	813	740	-8.1
New York .....	1,546	1,739	2,045	-24.4
Pennsylvania .....	14,412	14,567	14,363	.3
East North Central .....	39,394	39,467	40,740	-3.3
Illinois .....	6,977	6,968	7,398	-5.7
Indiana .....	9,953	9,644	10,610	-6.2
Michigan .....	8,099	8,416	9,093	-10.9
Ohio .....	10,213	10,344	9,956	2.6
Wisconsin .....	4,151	4,094	3,683	12.7
West North Central .....	20,144	19,838	19,324	4.2
Iowa .....	4,499	4,622	4,206	7.0
Kansas .....	3,310	3,504	3,729	-11.2
Minnesota .....	2,616	2,538	2,253	16.1
Missouri .....	5,432	5,093	4,434	22.5
Nebraska .....	1,976	1,780	1,589	24.3
North Dakota .....	1,999	2,005	2,828	-29.3
South Dakota .....	312	296	286	8.9
South Atlantic .....	28,861	28,489	27,799	3.8
Delaware .....	458	450	406	12.7
Florida .....	4,895	4,965	4,822	1.5
Georgia .....	5,251	5,190	5,473	-4.1
Maryland .....	2,220	2,314	2,114	5.0
North Carolina .....	4,657	4,556	4,419	5.4
South Carolina .....	1,968	1,839	2,052	-3.1
Virginia .....	1,685	1,560	1,639	2.8
West Virginia .....	7,707	7,614	6,874	12.1
East South Central .....	14,248	14,018	15,876	-10.3
Alabama .....	4,247	4,163	3,869	0.8
Kentucky .....	5,881	5,940	7,612	-22.7
Mississippi .....	933	869	799	16.9
Tennessee .....	3,187	3,044	3,596	-11.4
West South Central .....	17,694	17,990	15,344	15.3
Arkansas .....	2,150	1,821	1,722	24.9
Louisiana .....	2,235	2,433	2,458	-9.1
Oklahoma .....	2,835	2,783	2,633	7.7
Texas .....	10,474	10,953	8,531	22.8
Mountain .....	18,088	18,401	18,828	7.5
Arizona .....	4,177	4,229	3,090	35.2
Colorado .....	3,466	3,603	3,298	5.1
Montana .....	741	887	767	-3.4
Nevada .....	1,412	1,455	1,222	15.5
New Mexico .....	1,399	1,326	1,538	-9.0
Utah .....	4,123	4,218	3,697	11.5
Wyoming .....	2,767	2,683	3,215	-13.9
Pacific .....	1,812	2,118	1,993	-9.1
Oregon .....	660	778	675	-2.2
Washington .....	1,145	1,332	1,316	-13.0
Alaska .....	8	7	2	230.3
<b>U.S. Total .....</b>	<b>158,004</b>	<b>158,605</b>	<b>158,166</b>	<b>1.2</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 9. Coal Receipts at Electric Utility Plants, November 1991**  
(Thousand Short Tons)

Census Division and State	November 1991	October 1991	November 1990	Year to Date		
				1991	1990	Percent Change
New England .....	567	582	488	5,842	5,760	1.4
Connecticut .....	66	80	64	763	878	-13.1
Massachusetts .....	397	392	305	3,902	3,754	3.9
New Hampshire .....	104	111	118	1,177	1,127	4.5
Middle Atlantic .....	3,795	4,667	4,267	48,169	53,888	-10.6
New Jersey .....	158	104	202	1,878	2,627	-28.5
New York .....	764	880	831	8,535	9,614	-11.2
Pennsylvania .....	2,874	3,682	3,234	37,756	41,647	-9.3
East North Central .....	13,977	15,477	14,097	156,165	161,128	-3.1
Illinois .....	1,961	2,232	2,209	24,807	24,316	2.0
Indiana .....	4,187	4,554	3,995	41,998	45,542	-7.8
Michigan .....	2,378	3,035	2,712	26,911	27,380	-1.7
Ohio .....	4,031	3,885	4,490	44,927	47,382	-5.2
Wisconsin .....	1,420	1,769	1,592	17,524	16,495	6.2
West North Central .....	8,291	8,570	9,038	95,573	94,929	.7
Iowa .....	1,263	1,371	1,442	14,939	14,623	2.2
Kansas .....	1,212	1,051	1,336	13,104	14,475	-9.5
Minnesota .....	1,313	1,404	1,457	14,773	15,215	-2.9
Missouri .....	1,895	2,078	2,261	23,011	22,417	2.6
Nebraska .....	607	755	578	8,025	7,393	8.5
North Dakota .....	1,769	1,716	1,757	19,583	18,953	3.3
South Dakota .....	232	196	205	2,140	1,852	15.6
South Atlantic .....	10,334	11,202	11,047	114,242	124,228	-8.0
Delaware .....	223	189	234	1,846	2,031	-9.1
Florida .....	2,107	2,146	2,032	22,665	22,432	1.0
Georgia .....	1,682	1,991	2,315	23,015	25,751	-10.6
Maryland .....	682	843	779	8,124	9,209	-11.8
North Carolina .....	1,736	1,780	1,593	16,500	18,174	-9.2
South Carolina .....	769	783	760	8,318	8,627	-3.8
Virginia .....	717	868	813	7,729	7,551	2.4
West Virginia .....	2,420	2,681	2,519	26,045	30,453	-14.5
East South Central .....	6,667	6,490	6,868	70,884	76,605	-7.5
Alabama .....	2,171	2,309	1,906	22,537	20,547	9.7
Kentucky .....	2,688	2,525	2,690	27,909	32,655	-14.5
Mississippi .....	300	303	308	3,395	3,638	-6.7
Tennessee .....	1,508	1,352	1,965	17,042	19,785	-13.8
West South Central .....	9,670	9,810	10,025	113,901	110,599	3.0
Arkansas .....	884	980	1,184	11,252	9,984	12.7
Louisiana .....	1,195	1,161	1,144	11,145	10,577	5.4
Oklahoma .....	1,236	1,198	1,248	14,375	13,242	8.6
Texas .....	6,355	6,471	6,449	77,129	76,795	.4
Mountain .....	8,806	8,534	8,103	90,396	91,614	-1.3
Arizona .....	1,599	1,656	1,291	15,554	14,339	8.5
Colorado .....	1,250	1,288	1,213	14,144	14,058	.6
Montana .....	957	1,052	946	9,373	8,556	9.6
Nevada .....	776	411	805	7,339	6,786	8.2
New Mexico .....	1,198	1,381	1,060	11,534	13,930	-17.2
Utah .....	899	973	924	12,123	13,004	-6.8
Wyoming .....	2,026	1,773	2,058	20,329	20,942	-2.9
Pacific .....	526	630	582	6,072	5,493	10.6
Oregon .....	114	138	192	1,606	819	96.2
Washington .....	412	492	370	4,468	4,674	-4.5
<b>U.S. Total</b> .....	<b>62,634</b>	<b>66,043</b>	<b>65,393</b>	<b>701,244</b>	<b>724,241</b>	<b>-3.2</b>

Note: Total may not equal sum of components because of independent rounding.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 10. Quality and Price of Coal Receipts at Electric Utility Plants,  
November 1991**

Census Division and State	November 1991		November 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.92	177	0.87	185	0.89	179	0.96	180	-7.9	-0.8
Connecticut .....	.42	225	.39	226	.41	215	.41	213	1.8	.9
Massachusetts .....	.90	171	.85	179	.93	173	.95	173	-2.6	-.2
New Hampshire .....	1.32	171	1.17	178	1.06	175	1.43	178	-25.7	-1.5
Mid Atlantic .....	1.58	153	1.70	157	1.63	155	1.66	155	-1.4	*
New Jersey .....	.99	175	.97	180	.95	178	.86	180	10.5	-.9
New York .....	1.39	158	1.44	159	1.37	160	1.43	161	-4.3	-.9
Pennsylvania .....	1.67	151	1.82	155	1.73	153	1.77	152	-1.9	.5
East North Central .....	1.65	145	1.66	148	1.65	150	1.65	151	.2	-1.0
Illinois .....	1.96	167	1.89	175	1.85	172	1.91	176	-3.1	-2.3
Indiana .....	1.81	130	2.02	129	1.88	136	1.94	137	-3.2	-.5
Michigan .....	.63	149	.60	153	.63	160	.63	160	-.8	-.4
Ohio .....	2.15	149	2.09	152	2.18	149	2.06	151	6.3	-1.9
Wisconsin .....	.82	136	.80	134	.85	136	.85	136	-.3	-.1
West North Central .....	1.03	107	1.10	109	1.07	113	1.11	114	-3.7	-.5
Iowa .....	.55	99	.70	103	.78	112	.81	113	-3.4	-1.0
Kansas .....	.68	115	.49	122	.63	122	.67	125	-5.5	-2.0
Minnesota .....	.58	117	.63	114	.54	127	.58	126	-6.4	.8
Missouri .....	1.77	132	1.93	132	1.80	135	1.94	135	-7.2	-.1
Nebraska .....	.42	70	.39	70	.41	75	.41	76	-.6	-.5
North Dakota .....	1.20	71	1.27	67	1.27	71	1.23	68	3.6	3.6
South Dakota .....	1.49	115	1.35	110	1.45	114	1.48	115	-1.8	-.7
South Atlantic .....	1.21	169	1.19	170	1.21	170	1.23	169	-1.0	.6
Delaware .....	.69	178	.76	180	.74	178	.74	182	.9	-2.3
Florida .....	1.37	181	1.35	185	1.40	186	1.41	185	-.8	.5
Georgia .....	1.48	189	1.32	179	1.35	179	1.37	178	-1.5	.6
Maryland .....	1.12	164	1.18	165	1.03	163	1.13	165	-8.6	-.9
North Carolina .....	.77	173	.77	176	.75	179	.76	178	-.7	.3
South Carolina .....	.90	152	.95	176	.95	164	.94	172	.4	-5.0
Virginia .....	.78	148	.79	153	.79	152	.76	155	3.5	-1.3
West Virginia .....	1.51	154	1.48	149	1.54	152	1.52	147	1.4	3.2
East South Central .....	1.64	142	1.73	142	1.60	143	1.78	144	-4.7	-.7
Alabama .....	1.08	177	1.24	182	1.16	181	1.25	185	-6.8	-1.9
Kentucky .....	2.21	117	2.18	119	2.21	118	2.25	119	-1.5	-1.2
Mississippi .....	1.12	162	1.28	168	1.25	168	1.32	165	-4.7	1.7
Tennessee .....	1.59	128	1.70	128	1.67	125	1.67	135	-.1	-7.5
West South Central .....	.75	153	.81	152	.82	151	.84	149	-1.8	1.3
Arkansas .....	.38	165	.38	157	.37	161	.39	162	-5.5	-.4
Louisiana .....	.60	159	.57	170	.59	165	.60	170	-1.5	-2.5
Oklahoma .....	.51	135	.47	147	.50	132	.53	140	-6.2	-5.4
Texas .....	.90	155	1.03	148	1.01	151	1.01	146	.5	3.5
Mountain .....	.55	113	.56	116	.55	114	.56	114	-2.1	.3
Arizona .....	.49	138	.47	134	.50	141	.47	143	6.7	-1.5
Colorado .....	.36	110	.37	105	.37	109	.39	107	-3.2	1.8
Montana .....	.75	67	.72	78	.76	67	.74	66	3.8	1.4
Nevada .....	.45	141	.51	153	.45	142	.48	151	-6.3	-6.1
New Mexico .....	.92	129	.90	144	.88	137	.87	132	1.3	3.9
Utah .....	.37	131	.40	140	.40	120	.43	116	-7.9	3.2
Wyoming .....	.58	81	.60	83	.59	83	.61	84	-3.1	-.3
Pacific .....	.78	145	.65	136	.71	142	.79	150	-11.2	-5.5
Oregon .....	.41	107	.38	105	.37	109	.37	108	-.8	.1
Washington .....	.87	156	.79	153	.83	155	.87	158	-4.3	-1.9
U.S. Total .....	1.23	143	1.27	145	1.26	145	1.29	146	-2.5	-.4

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 11. Quality and Price of Contract Coal Receipts at Electric Utility Plants, November 1991**

Census Division and State	November 1991		November 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.95	177	0.93	185	0.90	180	0.97	180	-7.5	*
Connecticut .....	.42	225	.39	226	.41	220	.40	215	2.4	2.2
Massachusetts .....	.93	171	.95	175	.94	173	.98	170	-3.3	1.9
New Hampshire .....	1.46	168	1.17	178	1.09	175	1.46	177	-25.0	-1.2
Mid Atlantic .....	1.62	159	1.74	161	1.70	161	1.73	158	-1.6	1.6
New Jersey .....	.99	175	.98	181	.95	178	.87	179	9.9	-.2
New York .....	1.38	164	1.37	160	1.41	163	1.43	162	-1.5	1.0
Pennsylvania .....	1.72	157	1.88	160	1.80	159	1.85	158	-3.2	2.1
East North Central .....	1.71	153	1.70	157	1.71	157	1.70	159	.7	-1.1
Illinois .....	2.03	173	1.96	163	1.95	180	1.97	184	-1.2	-2.3
Indiana .....	1.91	137	2.02	132	1.96	140	1.97	140	-1.4	-.4
Michigan .....	.60	154	.57	158	.61	165	.61	164	1.3	.2
Ohio .....	2.21	161	2.24	172	2.27	160	2.18	167	3.9	-3.7
Wisconsin .....	.94	140	.92	140	.90	143	.93	142	-2.8	.3
West North Central .....	1.13	112	1.14	111	1.10	115	1.11	115	-1.3	-.3
Iowa .....	.69	119	.85	117	.90	123	.89	123	1.3	-.6
Kansas .....	.52	130	.47	131	.46	126	.45	127	*	-.5
Minnesota .....	.58	116	.62	115	.54	127	.56	127	-4.4	-.1
Missouri .....	2.09	141	1.98	134	1.95	137	2.04	137	-4.7	-.1
Nebraska .....	.43	72	.39	71	.41	78	.41	78	.1	*
North Dakota .....	1.20	71	1.27	67	1.27	71	1.23	68	3.7	4.2
South Dakota .....	1.49	115	1.35	110	1.45	114	1.49	115	-2.4	-.7
South Atlantic .....	1.21	178	1.23	178	1.24	178	1.24	177	-.5	.5
Delaware .....	.64	180	.70	165	.68	180	.72	184	-6.1	-2.0
Florida .....	1.33	194	1.28	194	1.34	197	1.34	193	.1	1.8
Georgia .....	1.52	192	1.50	190	1.50	189	1.46	188	2.9	.7
Maryland .....	1.12	167	1.18	164	1.08	167	1.14	166	-0.9	.5
North Carolina .....	.76	185	.75	186	.75	184	.76	184	-1.1	.1
South Carolina .....	.84	156	.96	181	.95	172	.94	178	.5	-3.1
Virginia .....	.79	152	.79	156	.81	159	.78	157	3.7	1.4
West Virginia .....	1.43	164	1.57	160	1.52	158	1.58	158	-3.4	.4
East South Central .....	1.73	145	1.85	147	1.74	146	1.87	151	-0.7	-3.0
Alabama .....	1.09	188	1.20	197	1.16	193	1.13	202	3.2	-4.5
Kentucky .....	2.43	120	2.49	120	2.35	120	2.59	120	-9.1	-.6
Mississippi .....	1.17	169	1.08	174	1.22	170	1.11	171	10.5	-.3
Tennessee .....	1.59	128	1.79	130	1.68	125	1.73	138	-2.6	-9.6
West South Central .....	.78	157	.82	152	.84	152	.85	150	-1.2	1.5
Arkansas .....	.38	165	.38	157	.37	161	.39	162	-5.5	-.4
Louisiana .....	.60	159	.57	170	.59	165	.60	170	-1.5	-2.5
Oklahoma .....	.55	149	.45	147	.51	136	.51	142	-.2	-4.2
Texas .....	.94	158	1.06	149	1.04	152	1.03	146	.4	3.6
Mountain .....	.56	114	.57	119	.56	116	.57	118	-2.0	.1
Arizona .....	.49	136	.47	134	.50	141	.47	143	6.8	-1.7
Colorado .....	.37	112	.38	110	.38	112	.39	108	-3.4	3.5
Montana .....	.75	67	.72	78	.76	67	.74	66	3.8	1.4
Nevada .....	.45	141	.51	153	.45	142	.48	151	-6.3	-6.1
New Mexico .....	.92	129	.90	144	.88	137	.87	132	1.3	3.9
Utah .....	.38	133	.39	145	.40	122	.43	118	-7.0	3.3
Wyoming .....	.59	83	.62	86	.60	87	.63	87	-4.5	*
Pacific .....	.87	156	.65	136	.75	147	.83	152	-9.0	-3.4
Oregon .....	-	-	.38	105	.37	109	.37	108	-.4	.7
Washington .....	.87	156	.79	153	.83	155	.91	161	-8.9	-3.5
U.S. Total .....	1.25	148	1.28	149	1.27	149	1.29	150	-1.6	-.2

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 12. Quality and Price of Spot Coal Receipts at Electric Utility Plants, November 1991**

Census Division and State	November 1991		November 1990		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1991		1990		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.52	175	0.69	186	0.82	173	0.93	181	-11.9	-4.3
Connecticut .....	-	-	-	-	.41	173	.42	192	-3.9	-10.0
Massachusetts .....	.53	171	.69	186	.85	173	.90	180	-5.4	-4.4
New Hampshire .....	.50	183	-	-	.89	177	1.32	181	-32.6	-2.4
Mid Atlantic .....	1.41	131	1.51	142	1.36	131	1.42	145	-4.3	-9.4
New Jersey .....	-	-	.94	175	.93	174	.82	188	14.3	-7.0
New York .....	1.39	147	1.56	158	1.30	153	1.44	160	-9.8	-4.7
Pennsylvania .....	1.42	122	1.51	132	1.41	119	1.44	137	-2.5	-13.5
East North Central .....	1.45	118	1.55	122	1.44	120	1.50	125	-4.0	-4.6
Illinois .....	1.55	126	1.57	134	1.30	126	1.57	131	-17.5	-3.4
Indiana .....	1.58	115	2.04	117	1.54	120	1.82	118	-15.1	1.1
Michigan .....	.73	131	.68	137	.70	131	.72	146	-3.2	-10.3
Ohio .....	1.83	111	1.84	118	1.93	114	1.80	122	7.3	-6.8
Wisconsin .....	.50	125	.43	113	.72	121	.60	118	19.8	2.8
West North Central .....	.69	94	.93	97	.94	104	1.11	106	-15.7	-2.1
Iowa .....	.44	83	.48	81	.50	86	.64	91	-22.3	-5.5
Kansas .....	.89	95	.60	86	1.24	107	1.64	113	-24.1	-5.5
Minnesota .....	.54	145	.80	106	.71	134	.82	114	-13.2	17.7
Missouri .....	.87	109	1.75	124	1.27	126	1.53	125	-17.5	.6
Nebraska .....	.41	63	.37	70	.42	65	.43	68	-2.5	-4.3
North Dakota .....	-	-	-	-	1.14	41	-	-	-	-
South Dakota .....	-	-	-	-	-	-	.41	114	-	-
South Atlantic .....	1.20	133	1.08	144	1.12	139	1.18	145	-4.5	-4.1
Delaware .....	1.13	159	.93	165	1.06	167	.78	177	36.3	-5.7
Florida .....	1.49	136	1.62	148	1.61	142	1.68	150	-4.3	-5.1
Georgia .....	.94	146	.90	158	.86	147	1.17	156	-26.9	-5.9
Maryland .....	1.14	133	1.17	165	.90	147	1.11	162	-18.8	-0.2
North Carolina .....	.78	137	.82	143	.80	137	.77	150	3.1	-8.6
South Carolina .....	.98	147	.91	157	.94	145	.83	157	.5	-7.3
Virginia .....	.77	141	.81	146	.75	142	.72	150	4.4	-5.5
West Virginia .....	1.91	102	1.23	116	1.64	108	1.33	114	23.2	-5.5
East South Central .....	1.18	123	1.33	123	1.41	121	1.51	122	-6.3	-.4
Alabama .....	1.07	136	1.36	126	1.16	133	1.66	127	-29.9	5.2
Kentucky .....	1.31	108	1.15	118	1.62	109	1.40	116	15.9	-6.1
Mississippi .....	.98	145	2.17	142	1.57	142	2.00	146	-21.6	-3.0
Tennessee .....	1.31	105	1.41	124	1.40	122	1.48	123	-4.0	-.6
West South Central .....	.41	112	.51	138	.41	120	.55	127	-25.0	-6.1
Oklahoma .....	.43	98	.86	145	.42	107	.69	123	-39.1	-13.5
Texas .....	.39	128	.42	133	.39	131	.45	130	-13.1	.7
Mountain .....	.36	93	.41	83	.42	89	.45	88	-5.4	1.2
Arizona .....	-	-	-	-	.50	161	.64	145	-21.7	11.0
Colorado .....	.35	101	.34	91	.37	94	.37	99	-1.4	-4.9
Nevada .....	-	-	-	-	-	-	.62	149	-	-
Utah .....	.36	111	.44	104	.41	107	.47	105	-13.8	2.3
Wyoming .....	.40	47	.48	65	.51	57	.50	66	2.3	-13.6
Pacific .....	.41	107	-	-	.37	108	.38	128	2.6	-15.5
Oregon .....	.41	107	-	-	.37	108	-	-	-	-
Washington .....	-	-	-	-	-	-	.36	128	-	-
U.S. Total .....	1.13	118	1.24	126	1.19	122	1.29	129	-7.8	-5.1

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, November 1991**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama .....	496	234	763	180	248	175	1,506	197	1.04	6.4	-1.1	-7.5
Arizona .....	1,175	97	-	-	-	-	1,175	97	.44	8.1	-9.7	-8.3
Colorado .....	1,240	134	-	-	-	-	1,240	134	.37	-6.5	-9.9	-.7
Illinois .....	-	-	846	160	3,453	158	4,299	159	2.36	-6.2	3.3	-2.9
Indiana .....	34	149	241	129	2,017	122	2,292	123	2.27	-7.9	-4.1	-1.9
Iowa .....	-	-	-	-	7	171	7	171	4.96	16.7	3.8	68.5
Kansas .....	-	-	-	-	31	131	31	131	2.91	-37.2	4.8	6.2
Kentucky .....	1,198	168	5,214	161	3,127	124	9,540	150	1.47	-9.2	-1.6	-.3
Louisiana .....	-	-	301	121	-	-	301	121	.84	14.4	-10.2	-1.6
Maryland .....	-	-	300	149	-	-	300	149	1.23	34.1	1.0	-5.9
Missouri .....	-	-	-	-	146	185	146	185	3.98	-23.3	27.6	1.9
Montana .....	1,218	170	1,804	100	-	-	3,023	130	.57	-16.2	-1.7	-1.8
New Mexico .....	496	190	1,527	135	-	-	2,023	149	.78	29.0	-7.1	-.6
North Dakota .....	-	-	1,845	76	156	75	2,001	76	1.23	2.0	8.7	-3.7
Ohio .....	-	-	52	145	2,194	145	2,246	145	2.98	-13.1	-3.4	3.5
Oklahoma .....	10	190	10	140	19	110	39	139	1.81	-37.8	-6.9	100.5
Pennsylvania .....	178	167	2,518	152	941	139	3,638	150	1.48	-4.4	-4.9	-3.7
Tennessee .....	10	134	202	134	39	114	250	131	1.07	-7.2	-4.3	-8.8
Texas .....	-	-	2,592	107	805	178	3,497	124	1.44	-6.0	9.6	-11.8
Utah .....	1,169	137	25	204	-	-	1,194	138	.39	20.8	.6	-4.5
Virginia .....	204	186	1,042	163	-	-	1,245	167	.85	-7.1	-1.5	-3.5
Washington .....	-	-	412	156	-	-	412	156	.87	11.4	2.1	10.1
West Virginia .....	2,406	169	3,027	161	1,850	143	7,283	159	1.20	.2	.5	-7.0
Wyoming .....	13,584	129	1,207	99	-	-	14,791	127	.44	-5.0	-2.8	-.1
Imported .....	97	152	58	135	-	-	154	146	.58	11.5	-17.3	11.4
<b>U.S. Total.....</b>	<b>23,518</b>	<b>143</b>	<b>23,985</b>	<b>144</b>	<b>15,133</b>	<b>141</b>	<b>62,634</b>	<b>143</b>	<b>1.23</b>	<b>-4.2</b>	<b>-1.4</b>	<b>-3.8</b>

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-November 1991**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama .....	4,716	252	8,156	185	3,156	169	16,028	202	1.06	4.9	-0.9	-4.4
Arizona .....	11,761	106	-	-	-	-	11,761	106	.46	13.2	-1.6	-
Colorado .....	13,957	137	26	93	-	-	13,983	137	.37	-1.0	-4.7	-3.1
Illinois .....	-	-	10,283	158	39,936	159	50,218	159	2.38	.4	.4	-1.6
Indiana .....	601	149	2,718	131	21,600	128	24,917	129	2.27	-13.2	.6	-1.2
Iowa .....	-	-	-	-	79	173	79	173	4.16	32.3	5.8	25.3
Kansas .....	-	-	-	-	365	133	365	133	2.85	-40.9	7.8	10.0
Kentucky .....	14,308	169	55,058	165	34,725	125	104,092	153	1.46	-12.7	-1.2	-1.9
Louisiana .....	-	-	2,893	133	-	-	2,893	133	.90	-3.0	*	13.4
Maryland .....	-	-	3,138	142	25	121	3,163	142	1.25	17.5	-7.5	-2.7
Missouri .....	-	-	-	-	1,814	182	1,814	182	3.99	-18.2	22.2	1.0
Montana .....	14,892	181	18,918	106	-	-	33,810	141	.57	3.4	2.0	-1.4
New Mexico .....	5,139	183	14,154	145	-	-	19,294	155	.75	-8.0	2.7	.2
North Dakota .....	-	-	18,717	78	3,007	57	21,724	75	1.29	4.5	3.5	3.1
Ohio .....	10	161	557	139	25,790	146	26,356	146	2.95	-5.4	-2.4	3.5
Oklahoma .....	61	183	248	144	139	110	447	139	1.62	-49.4	-.2	12.3
Pennsylvania .....	1,795	157	30,272	155	11,210	147	43,277	153	1.48	-7.6	-1.0	-.8
Tennessee .....	97	130	2,306	131	564	117	2,968	128	1.11	-31.0	-11.4	-2.7
Texas .....	-	-	28,885	118	15,370	116	44,256	118	1.62	-1.4	8.9	3.6
Utah .....	13,294	124	144	162	-	-	13,438	124	.40	-4.8	4.9	-7.0
Virginia .....	3,021	185	11,825	163	49	139	14,894	168	.89	-6.7	-.6	1.1
Washington .....	-	-	4,466	155	-	-	4,466	155	.83	3.2	-3.5	-8.9
West Virginia .....	22,596	171	32,288	162	22,650	146	77,433	160	1.29	-4.6	1.3	-1.0
Wyoming .....	156,301	134	11,298	101	118	119	167,717	131	.43	3.6	-1.5	-2.5
Imported .....	727	153	1,125	156	-	-	1,852	155	.59	53.1	-11.2	-1.5
<b>U.S. Total .....</b>	<b>263,276</b>	<b>146</b>	<b>257,471</b>	<b>148</b>	<b>180,497</b>	<b>141</b>	<b>701,244</b>	<b>145</b>	<b>1.26</b>	<b>-3.2</b>	<b>-.4</b>	<b>-2.5</b>

\* For percentage calculations, the absolute value of the number is less than 0.05 percent.

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 15. Destination of Coal Received at Electric Utility Plants by Origin, January-November 1991**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama .....	22,537	20,547	80.8	76.8	1.18	1.25	181	185
Alabama .....	15,989	15,044	83.4	92.5	1.06	1.10	202	205
Illinois .....	941	418	91.9	-	1.64	2.03	127	112
Indiana .....	-	459	-	-	-	2.05	-	117
Kentucky .....	2,900	3,091	75.7	40.7	1.85	1.84	127	135
Ohio .....	158	544	100.0	95.4	1.72	2.00	118	117
Tennessee .....	981	739	81.5	11.8	.84	.66	131	125
West Virginia .....	1,569	36	67.1	17.7	.89	.66	140	142
Wyoming .....	-	218	-	-	-	.44	-	170
Arizona .....	15,554	14,339	98.6	99.9	.50	.47	141	143
Arizona .....	7,170	6,678	100.0	100.0	.46	.44	101	100
Colorado .....	714	910	100.0	100.0	.31	.33	169	174
New Mexico .....	7,670	6,751	97.2	99.7	.56	.52	181	187
Arkansas .....	11,252	9,984	100.0	100.0	.37	.39	161	162
Wyoming .....	11,252	9,984	100.0	100.0	.37	.39	161	162
Colorado .....	14,144	14,058	82.4	84.4	.37	.39	109	107
Colorado .....	9,305	8,149	73.3	76.0	.38	.39	108	107
Wyoming .....	4,839	4,909	100.0	100.0	.37	.39	109	105
Connecticut .....	763	878	89.6	91.2	.41	.41	215	213
Kentucky .....	763	878	89.6	91.2	.41	.41	215	213
Delaware .....	1,846	2,031	83.1	75.8	.74	.74	178	182
Kentucky .....	52	117	100.0	14.2	.65	.52	174	194
Maryland .....	15	21	-	100.0	1.21	1.11	141	141
Pennsylvania .....	366	344	34.9	34.9	1.11	1.04	167	163
Virginia .....	91	227	84.0	51.7	.84	.71	202	195
West Virginia .....	1,322	1,322	96.7	95.6	.63	.68	180	184
Florida .....	22,665	22,432	79.7	80.5	1.40	1.41	186	185
Illinois .....	4,243	3,879	93.3	98.1	2.39	2.41	210	209
Indiana .....	159	410	-	-	2.64	2.85	111	108
Kentucky .....	13,667	14,221	78.9	76.9	1.27	1.29	180	178
Ohio .....	240	-	-	-	2.98	-	164	-
Pennsylvania .....	3	-	-	-	1.12	-	128	-
Tennessee .....	145	115	100.0	100.0	.92	.86	217	215
Virginia .....	817	902	95.0	90.0	.62	.58	227	236
West Virginia .....	1,768	1,985	93.4	87.3	.93	.89	196	184
Imported coal Colombia .....	1,583	880	48.1	74.3	.61	.61	153	171
Imported coal Venezuela .....	42	40	-	-	.43	.63	127	171
Georgia .....	23,015	25,751	76.2	68.9	1.35	1.37	179	178
Alabama .....	39	234	-	-	1.94	1.67	140	155
Illinois .....	4,623	4,512	100.0	95.2	2.50	2.53	208	197
Indiana .....	93	-	80.4	-	2.09	-	138	-
Kentucky .....	11,802	13,459	77.1	69.2	1.24	1.29	164	169
Ohio .....	-	46	-	-	-	2.28	-	142
Tennessee .....	39	1,219	-	43.5	1.54	1.11	152	182
Virginia .....	2,984	3,085	78.4	72.9	1.04	1.06	177	174
West Virginia .....	2,226	1,345	62.3	99.3	.54	.56	220	247
Wyoming .....	1,207	1,850	-	-	.41	.36	153	156
Illinois .....	24,807	24,316	85.2	85.4	1.85	1.91	172	178
Colorado .....	325	11	-	-	.39	.40	144	156
Illinois .....	14,612	14,283	91.3	90.1	2.70	2.72	141	146
Indiana .....	1,503	1,737	60.4	73.1	1.33	1.60	134	125
Kentucky .....	1,316	2,020	72.9	43.2	.58	.82	166	156
Montana .....	2,969	2,567	100.0	100.0	.36	.39	277	289
New Mexico .....	-	222	-	50.0	-	.45	-	166
Tennessee .....	10	125	100.0	100.0	.59	.57	149	160
West Virginia .....	680	211	36.0	25.5	.55	.52	151	156
Wyoming .....	3,391	3,142	79.5	92.2	.40	.43	261	287
Indiana .....	41,998	45,542	80.9	82.6	1.88	1.94	136	137
Colorado .....	689	528	-	98.1	.39	.38	170	300
Illinois .....	7,806	8,991	88.8	85.9	2.42	2.43	161	157
Indiana .....	17,618	19,772	78.8	80.0	2.39	2.41	124	125
Kentucky .....	4,241	4,254	88.8	91.1	2.36	2.44	129	130
Montana .....	689	574	100.0	58.7	.36	.39	280	232
Ohio .....	35	49	-	-	2.23	2.27	136	126
Virginia .....	17	56	-	-	.40	.58	163	164
West Virginia .....	336	370	-	57.5	.55	.55	151	198
Wyoming .....	10,585	10,948	82.5	83.5	.40	.39	128	128
Iowa .....	14,939	14,623	70.0	67.9	.78	.81	112	113
Illinois .....	1,330	1,158	93.6	91.6	2.34	2.48	178	168

See footnotes at end of table.

**Table 15. Destination of Coal Received at Electric Utility Plants by Origin, January-November 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
<b>Iowa</b>								
Indiana	857	1,042	90.8	70.4	2.25	2.24	134	135
Iowa	79	60	100.0	100.0	4.16	3.32	173	163
Kentucky	3	29	-	-	2.49	2.75	146	133
Wyoming	12,669	12,335	65.9	65.5	.41	.43	101	104
Kansas	13,104	14,475	79.1	84.1	.03	.67	122	125
Colorado	-	178	-	94.2	-	.33	-	118
Illinois	1,243	1,213	18.9	18.6	2.28	2.51	150	148
Kansas	92	237	59.2	-	2.43	2.42	120	121
Wyoming	11,768	12,847	85.7	91.7	.39	.41	118	122
Kentucky	27,909	32,655	81.9	72.4	2.21	2.25	118	119
Illinois	15	91	-	88.6	2.39	1.59	100	135
Indiana	2,157	2,365	81.1	64.2	2.35	2.40	107	111
Kentucky	21,346	26,270	82.5	76.3	2.46	2.44	117	118
Ohio	276	244	73.3	53.3	2.21	2.41	146	145
Pennsylvania	-	12	-	12.4	-	2.05	-	113
Tennessee	556	567	93.1	85.8	1.79	2.08	115	120
Virginia	-	60	-	100.0	-	.58	-	158
West Virginia	3,053	2,833	74.7	41.1	.67	.62	129	129
Wyoming	506	213	100.0	65.2	1.42	.40	124	123
Louisiana	11,145	10,577	100.0	100.0	.59	.60	165	170
Louisiana	2,893	2,982	100.0	100.0	.90	.80	133	133
West Virginia	152	200	100.0	100.0	.45	.51	159	206
Wyoming	8,100	7,395	100.0	100.0	.50	.54	175	180
Maryland	8,124	9,209	83.0	70.7	1.03	1.13	163	165
Kentucky	279	397	87.5	79.3	.50	.56	156	160
Maryland	1,262	1,561	82.5	45.5	1.17	1.24	173	171
Ohio	7	7	-	-	1.57	1.78	167	166
Pennsylvania	2,030	2,372	87.1	90.8	1.46	1.48	177	179
Virginia	-	21	-	-	-	.47	-	179
West Virginia	4,548	4,850	76.8	68.7	.84	.98	155	156
Massachusetts	3,902	3,754	82.0	68.0	.93	.95	173	173
Kentucky	1	49	100.0	-	.58	.75	175	180
Maryland	-	40	-	-	-	.75	-	185
Pennsylvania	418	844	7.8	27.2	1.11	1.08	175	174
Virginia	1,063	1,299	77.3	89.9	.78	.93	176	175
West Virginia	2,371	1,348	98.7	85.9	.97	.96	171	168
Imported coal	Colombia	105	-	-	-	.56	-	190
Imported coal	Venezuela	49	70	100.0	-	.59	.48	167
Michigan	26,911	27,390	85.3	78.7	.63	.63	160	160
Indiana	118	148	70.7	59.3	2.16	2.47	159	159
Kentucky	5,631	6,668	87.2	71.5	.75	.74	179	177
Montana	10,599	10,655	99.0	98.3	.38	.37	153	149
Ohio	135	178	94.1	80.3	2.62	2.77	198	190
Pennsylvania	1,685	1,790	79.8	71.1	1.30	1.13	151	158
Virginia	-	113	-	100.0	-	1.09	-	186
West Virginia	5,904	5,697	80.3	74.9	.65	.67	168	170
Wyoming	2,770	2,142	42.9	30.2	.35	.34	112	110
Minnesota	14,773	15,215	97.5	93.5	.54	.58	127	126
Illinois	46	47	100.0	100.0	1.49	1.32	161	179
Indiana	75	69	-	12.5	1.51	1.79	154	156
Kentucky	-	8	-	56.6	-	.91	-	189
Montana	8,297	8,580	96.8	88.6	.70	.77	135	133
North Dakota	1	1	100.0	100.0	1.17	.87	178	174
Pennsylvania	8	3	56.4	100.0	1.08	1.02	178	176
West Virginia	-	2	-	100.0	-	.95	-	169
Wyoming	6,345	6,525	99.8	99.3	.31	.31	117	117
Mississippi	3,395	3,698	90.6	75.8	1.25	1.32	168	165
Illinois	1,221	1,051	98.1	89.7	2.14	2.03	147	151
Indiana	-	23	-	-	-	4.17	-	126
Kentucky	2,116	2,563	88.7	70.8	.77	1.00	180	171
Montana	58	-	-	-	.32	-	152	-
Missouri	23,011	22,417	77.2	78.7	1.80	1.94	135	135
Colorado	344	244	100.0	100.0	.40	.40	159	160
Illinois	11,395	11,393	83.6	83.4	2.20	2.23	150	151
Indiana	104	115	46.4	100.0	3.17	2.90	133	122
Kansas	272	380	23.0	7.9	3.00	2.70	137	124
Kentucky	761	1,003	93.4	97.7	2.60	2.57	125	123
Missouri	1,814	2,217	98.9	97.5	3.99	3.95	182	149

See footnotes at end of table.

**Table 15. Destination of Coal Received at Electric Utility Plants by Origin, January-November 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Missouri								
New Mexico	8	18	-	-	0.42	0.34	167	135
Ohio	-	24	-	-	-	2.10	-	171
Oklahoma	-	38	-	100.0	-	3.64	-	138
Wyoming	8,312	6,987	63.6	65.5	.41	.42	95	97
Montana	9,373	8,555	100.0	100.0	.76	.74	67	66
Montana	9,373	8,555	100.0	100.0	.76	.74	67	66
Nebraska	8,025	7,393	78.5	76.1	.41	.41	75	76
Wyoming	8,025	7,393	78.5	76.1	.41	.41	75	76
Nevada	7,339	6,786	100.0	99.9	.45	.48	142	151
Arizona	4,592	3,712	100.0	100.0	.45	.49	114	123
Utah	2,364	2,530	100.0	99.7	.43	.47	185	181
Wyoming	384	544	100.0	100.0	.49	.45	200	203
New Hampshire	1,177	1,127	85.8	82.2	1.06	1.43	175	178
Kentucky	-	17	-	-	-	.68	-	201
Pennsylvania	702	196	100.0	100.0	1.12	1.03	176	178
West Virginia	297	799	43.7	81.2	1.30	1.67	172	176
Imported coal	Canada	34	-	-	-	.97	-	181
Imported coal	Venezuela	179	81	100.0	100.0	.40	.39	174
New Jersey	1,978	2,627	92.3	88.2	.85	.86	178	180
Kentucky	25	31	-	-	.61	.62	170	190
Ohio	-	14	-	-	-	1.66	-	203
Pennsylvania	15	26	-	-	1.87	.95	160	189
Virginia	671	911	99.6	97.8	.58	.58	178	178
West Virginia	1,167	1,644	91.3	86.6	1.18	1.03	179	181
New Mexico	11,534	13,930	100.0	100.0	.88	.87	137	132
New Mexico	11,534	13,930	100.0	100.0	.88	.87	137	132
New York	8,535	9,614	64.9	66.9	1.37	1.43	160	161
Kentucky	652	577	96.2	93.4	.41	.39	211	210
Maryland	18	23	-	-	1.42	1.33	151	169
Ohio	-	52	-	-	-	1.46	-	161
Pennsylvania	4,649	4,968	45.5	47.0	1.41	1.46	152	156
West Virginia	3,207	3,995	87.1	88.3	1.52	1.58	160	160
Wyoming	9	-	-	-	.43	-	191	-
North Carolina	16,500	18,174	89.0	83.8	.75	.76	179	178
Kentucky	7,632	9,020	89.1	80.0	.76	.78	185	183
Virginia	3,830	4,066	98.2	97.3	.86	.85	172	169
West Virginia	5,038	5,088	81.9	79.7	.66	.65	175	177
North Dakota	19,583	18,953	98.6	100.0	1.27	1.23	71	68
North Dakota	19,583	18,953	98.6	100.0	1.27	1.23	71	68
Ohio	44,927	47,382	74.8	86.2	2.18	2.06	149	151
Illinois	-	24	-	-	-	2.57	-	117
Indiana	-	62	-	-	-	2.90	-	109
Kentucky	7,576	8,984	67.5	47.4	.97	.99	158	156
Ohio	23,678	23,417	77.6	69.8	2.05	2.81	147	153
Pennsylvania	2,495	3,034	63.7	59.0	1.62	1.72	138	140
Virginia	18	-	-	-	.63	-	143	-
West Virginia	10,916	11,862	70.5	75.5	1.55	1.49	148	148
Wyoming	45	-	-	-	.40	-	142	-
Oklahoma	14,975	13,242	87.5	89.9	.50	.53	132	140
Oklahoma	447	847	66.4	26.8	1.62	1.36	139	139
Wyoming	13,928	12,395	87.6	94.3	.44	.45	132	140
Oregon	1,806	819	55.9	100.0	.37	.37	109	108
Wyoming	1,606	819	55.9	100.0	.37	.37	109	108
Pennsylvania	37,758	41,847	83.6	78.3	1.73	1.77	153	152
Kentucky	15	16	100.0	100.0	1.06	1.06	177	181
Ohio	840	1,755	99.9	96.6	3.27	3.35	160	151
Pennsylvania	28,145	31,064	79.1	72.0	1.49	1.50	153	154
West Virginia	8,756	8,811	96.2	96.6	2.34	2.37	152	147
South Carolina	8,318	8,627	68.3	73.7	.95	.94	164	172
Kentucky	7,405	7,473	65.2	73.3	.93	.93	164	174
Tennessee	-	212	-	-	-	1.17	-	164
Virginia	852	917	94.4	94.1	1.08	.99	160	162
West Virginia	60	25	78.1	79.9	.78	.79	179	182
South Dakota	2,140	1,852	100.0	99.4	1.45	1.48	114	115
North Dakota	2,140	1,841	100.0	100.0	1.45	1.49	114	115
Wyoming	-	11	-	-	-	.41	-	114
Tennessee	17,042	19,765	95.7	79.0	1.67	1.67	125	135
Illinois	2,047	1,864	75.1	27.2	1.75	1.81	125	121

See footnotes at end of table.

**Table 15. Destination of Coal Received at Electric Utility Plants by Origin, January-November 1991 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
<b>Tennessee</b>								
Indiana	-	704	-	-	-	1.75	-	123
Kentucky	12,506	14,734	99.1	87.7	1.76	1.73	125	139
Tennessee	1,236	1,326	91.7	79.2	1.04	1.12	121	121
Virginia	1,173	1,128	100.0	100.0	1.36	1.38	130	131
West Virginia	-	10	-	100.0	-	.57	-	158
Texas	77,129	76,795	87.4	97.0	1.01	1.01	151	146
Colorado	1,557	1,692	74.0	67.8	.35	.36	211	206
Texas	44,256	44,861	100.0	99.8	1.62	1.57	118	108
Wyoming	31,316	30,242	94.9	94.4	.42	.44	182	183
Utah	12,123	13,003	88.2	88.1	.40	.43	120	116
Colorado	1,049	1,417	100.0	100.0	.42	.46	227	223
Utah	11,074	11,586	87.0	86.7	.40	.43	111	104
Virginia	7,729	7,551	62.7	67.5	.79	.76	152	155
Kentucky	2,437	2,422	54.1	62.6	.86	.82	152	157
Virginia	3,329	3,127	67.9	70.8	.74	.72	150	152
West Virginia	1,903	2,002	64.7	68.5	.78	.75	156	154
Washington	4,466	4,674	100.0	92.4	.83	.87	155	158
Washington	4,466	4,326	100.0	99.8	.83	.91	155	161
Wyoming	-	348	-	-	-	.35	-	127
West Virginia	20,045	30,453	87.3	75.4	1.54	1.52	152	147
Kentucky	486	728	93.2	83.7	.67	.82	203	180
Maryland	1,867	1,046	83.0	58.1	1.30	1.37	120	123
Ohio	787	1,527	79.5	56.0	3.31	3.30	95	96
Pennsylvania	900	532	54.5	22.2	1.64	1.63	117	114
West Virginia	21,945	20,620	89.2	78.1	1.51	1.44	157	151
Wisconsin	17,524	16,495	89.7	75.2	.85	.85	136	136
Illinois	695	1,085	69.8	78.3	1.34	1.75	151	144
Indiana	2,232	1,703	75.0	99.0	1.91	1.76	180	183
Kentucky	399	106	-	20.1	.86	.65	156	178
Montana	1,824	1,800	71.9	77.2	.71	.69	159	157
New Mexico	83	43	-	-	.45	.39	173	174
Pennsylvania	1,822	1,671	99.3	100.0	1.32	1.29	157	157
Virginia	48	59	-	-	.57	.57	173	173
West Virginia	60	136	-	-	1.29	1.22	171	165
Wyoming	10,351	9,711	67.0	68.7	.40	.41	111	110
Wyoming	20,329	20,942	88.5	84.5	.59	.61	83	84
Wyoming	20,329	20,942	88.5	84.5	.59	.61	83	84
<b>U.S. Total</b>	<b>701,244</b>	<b>724,241</b>	<b>85.6</b>	<b>82.5</b>	<b>1.26</b>	<b>1.29</b>	<b>145</b>	<b>148</b>

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 16. Origin of Coal Received at Electric Utility Plants by Destination, January-November 1991**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Alabama .....	16,028	15,278	83.2	91.1	1.08	1.11	202	204
Alabama .....	15,989	15,044	83.4	92.5	1.08	1.10	202	205
Georgia .....	39	234	-	-	1.94	1.67	140	155
Arizona .....	11,761	10,391	100.0	100.0	.46	.46	108	108
Arizona .....	7,170	6,678	100.0	100.0	.46	.44	101	100
Nevada .....	4,592	3,712	100.0	100.0	.45	.49	114	123
Colorado .....	13,983	14,129	72.1	80.4	.37	.39	137	144
Arizona .....	714	910	100.0	100.0	.31	.33	169	174
Colorado .....	9,305	9,149	73.3	76.0	.38	.39	108	107
Illinois .....	325	11	-	-	.39	.40	144	156
Indiana .....	689	528	-	98.1	.39	.38	170	300
Kansas .....	-	178	-	94.2	-	.33	-	118
Missouri .....	344	244	100.0	100.0	.40	.40	159	160
Texas .....	1,557	1,692	74.0	67.8	.35	.36	211	206
Utah .....	1,049	1,417	100.0	100.0	.42	.46	227	223
Illinois .....	50,218	50,009	87.6	83.8	2.38	2.42	159	158
Alabama .....	941	418	81.8	-	1.64	2.03	127	112
Florida .....	4,243	3,879	93.3	98.1	2.39	2.41	210	209
Georgia .....	4,623	4,512	100.0	95.2	2.50	2.53	208	197
Illinois .....	14,612	14,283	91.3	90.1	2.70	2.72	141	146
Indiana .....	7,806	8,991	88.8	85.9	2.42	2.43	161	157
Iowa .....	1,330	1,158	93.6	91.6	2.34	2.48	178	168
Kansas .....	1,243	1,213	18.9	18.6	2.28	2.51	150	148
Kentucky .....	15	91	-	88.6	2.39	1.59	100	135
Minnesota .....	46	47	100.0	100.0	1.49	1.32	161	179
Mississippi .....	1,221	1,051	98.1	89.7	2.14	2.03	147	151
Missouri .....	11,395	11,393	83.6	83.4	2.20	2.23	150	151
Ohio .....	-	24	-	-	-	2.57	-	117
Tennessee .....	2,047	1,864	75.1	27.2	1.75	1.81	125	121
Wisconsin .....	695	1,085	69.8	78.3	1.34	1.75	151	144
Indiana .....	24,917	28,700	77.0	74.3	2.27	2.30	129	128
Alabama .....	-	459	-	-	-	2.05	-	117
Florida .....	159	410	-	-	2.64	2.85	111	108
Georgia .....	93	-	80.4	-	2.09	-	138	-
Illinois .....	1,503	1,737	60.4	73.1	1.33	1.60	134	125
Indiana .....	17,618	19,772	78.8	80.0	2.39	2.41	124	125
Iowa .....	857	1,042	90.8	70.4	2.25	2.24	134	135
Kentucky .....	2,157	2,365	81.1	64.2	2.35	2.40	107	111
Michigan .....	118	148	70.7	59.3	2.16	2.47	159	159
Minnesota .....	75	69	-	12.5	1.51	1.79	154	156
Mississippi .....	-	23	-	-	-	4.17	-	126
Missouri .....	104	115	46.4	100.0	3.17	2.90	133	122
Ohio .....	-	62	-	-	-	2.90	-	109
Tennessee .....	-	704	-	-	-	1.75	-	123
Wisconsin .....	2,232	1,793	75.0	89.0	1.91	1.76	180	193
Iowa .....	79	60	100.0	100.0	4.18	3.32	173	163
Iowa .....	79	60	100.0	100.0	4.16	3.32	173	163
Kansas .....	365	617	32.2	4.9	2.85	2.59	133	123
Kansas .....	92	237	59.2	-	2.43	2.42	120	121
Missouri .....	272	380	23.0	7.9	3.00	2.70	137	124
Kentucky .....	104,092	119,225	81.2	73.5	1.46	1.49	153	154
Alabama .....	2,900	3,091	75.7	40.7	1.85	1.84	127	135
Connecticut .....	763	878	89.8	91.2	.41	.41	215	213
Delaware .....	52	117	100.0	14.2	.65	.52	174	194
Florida .....	13,667	14,221	78.9	76.9	1.27	1.29	180	178
Georgia .....	11,802	13,459	77.1	69.2	1.24	1.29	164	169
Illinois .....	1,316	2,020	72.9	43.2	.56	.82	166	156
Indiana .....	4,241	4,254	88.8	91.1	2.36	2.44	129	130
Iowa .....	3	29	-	-	2.49	2.75	146	133
Kentucky .....	21,346	28,270	82.5	76.3	2.46	2.44	117	118
Maryland .....	279	397	87.5	79.3	.50	.56	150	160
Massachusetts .....	1	49	100.0	-	.58	.75	175	180
Michigan .....	5,631	6,668	87.2	71.5	.75	.74	179	177
Minnesota .....	-	8	-	56.6	-	.91	-	189
Mississippi .....	2,116	2,563	88.7	70.8	.77	1.00	180	171
Missouri .....	761	1,003	93.4	97.7	2.60	2.57	125	123
New Hampshire .....	-	17	-	-	-	.68	-	201
New Jersey .....	25	31	-	-	.61	.62	170	190
New York .....	652	577	96.2	93.4	.41	.39	211	210

See footnotes at end of table.

**Table 16. Origin of Coal Received at Electric Utility Plants by Destination, January-November 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Kentucky								
North Carolina	7,632	9,020	89.1	80.0	0.78	0.78	185	183
Ohio	7,576	8,984	67.5	47.4	.97	.99	158	156
Pennsylvania	15	16	100.0	100.0	1.06	1.06	177	181
South Carolina	7,405	7,473	65.2	73.3	.93	.93	164	174
Tennessee	12,586	14,734	99.1	87.7	1.76	1.73	125	139
Virginia	2,437	2,422	54.1	62.6	.86	.82	152	157
West Virginia	486	728	93.2	83.7	.67	.82	203	180
Wisconsin	399	196	-	20.1	.86	.65	156	178
Louisiana	2,893	2,982	100.0	100.0	.90	.80	133	133
Louisiana	2,893	2,982	100.0	100.0	.90	.80	133	133
Maryland	3,163	2,691	81.9	49.8	1.25	1.28	142	153
Delaware	15	21	-	100.0	1.21	1.11	141	141
Maryland	1,262	1,561	82.5	45.5	1.17	1.24	173	171
Massachusetts	-	40	-	-	-	.75	-	185
New York	18	23	-	-	1.42	1.33	151	169
West Virginia	1,867	1,046	83.0	58.1	1.30	1.37	120	123
Missouri	1,814	2,217	98.9	97.5	3.99	3.95	182	149
Missouri	1,814	2,217	98.9	97.5	3.99	3.95	182	149
Montana	33,810	32,711	97.2	94.1	.57	.58	141	138
Illinois	2,969	2,567	100.0	100.0	.36	.39	277	289
Indiana	689	574	100.0	58.7	.36	.39	280	232
Michigan	10,599	10,655	99.0	96.3	.38	.37	163	149
Minnesota	8,297	8,560	96.8	89.6	.70	.77	135	133
Mississippi	58	-	-	-	.32	-	162	-
Montana	9,373	8,555	100.0	100.0	.78	.74	67	66
Wisconsin	1,824	1,800	71.9	77.2	.71	.69	159	157
New Mexico	19,294	20,964	98.4	99.1	.75	.74	155	151
Arizona	7,670	6,751	97.2	99.7	.56	.52	181	187
Illinois	-	222	-	50.0	-	.45	-	166
Missouri	8	18	-	-	.42	.34	167	135
New Mexico	11,534	13,930	100.0	100.0	.88	.87	137	132
Wisconsin	83	43	-	-	.45	.39	173	174
North Dakota	21,724	20,795	98.7	100.0	1.29	1.25	75	72
Minnesota	1	1	100.0	100.0	1.17	.87	178	174
North Dakota	19,583	18,953	98.6	100.0	1.27	1.23	71	68
South Dakota	2,140	1,841	100.0	100.0	1.45	1.49	114	115
Illinois	26,356	27,857	77.7	70.7	2.95	2.85	146	149
Alabama	158	544	100.0	95.4	1.72	2.00	118	117
Florida	240	-	-	-	2.98	-	164	-
Georgia	-	46	-	-	-	2.28	-	142
Indiana	35	49	-	-	2.23	2.27	136	129
Kentucky	276	244	73.3	53.3	2.21	2.41	146	145
Maryland	7	7	-	-	1.57	1.78	167	166
Michigan	135	178	94.1	80.3	2.62	2.77	198	190
Missouri	-	24	-	-	-	2.10	-	171
New Jersey	-	14	-	-	-	1.66	-	203
New York	-	52	-	-	-	1.46	-	161
Ohio	23,878	23,417	77.6	69.8	2.95	2.81	147	153
Pennsylvania	840	1,755	99.9	96.6	3.27	3.35	160	151
West Virginia	787	1,527	79.5	56.0	3.31	3.30	95	96
Oklahoma	447	883	88.4	29.8	1.62	1.45	139	139
Missouri	-	36	-	100.0	-	3.64	-	138
Oklahoma	447	847	88.4	28.8	1.62	1.36	130	139
Pennsylvania	43,277	46,856	75.0	68.9	1.46	1.47	153	155
Delaware	366	344	34.9	34.9	1.11	1.04	167	163
Florida	3	-	-	-	1.12	-	128	-
Kentucky	-	12	-	12.4	-	2.05	-	113
Maryland	2,030	2,372	97.1	90.8	1.46	1.48	177	179
Massachusetts	418	844	7.8	27.2	1.11	1.08	175	174
Michigan	1,665	1,790	79.6	71.1	1.30	1.13	151	158
Minnesota	8	3	56.4	100.0	1.08	1.02	178	176
New Hampshire	702	196	100.0	100.0	1.12	1.03	176	178
New Jersey	15	26	-	-	1.87	.95	160	189
New York	4,649	4,968	45.5	47.6	1.41	1.46	152	156
Ohio	2,495	3,034	63.7	59.0	1.62	1.72	138	140
Pennsylvania	28,145	31,064	79.1	72.0	1.49	1.50	153	154
West Virginia	960	532	54.5	22.2	1.64	1.63	117	114
Wisconsin	1,822	1,671	99.3	100.0	1.32	1.29	157	157

Footnotes at end of table.

**Table 16. Origin of Coal Received at Electric Utility Plants by Destination, January-November 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
Tennessee .....	2,968	4,303	81.2	55.6	1.11	1.14	128	145
Alabama .....	981	739	61.5	11.6	.84	.66	131	125
Florida .....	145	115	100.0	100.0	.92	.86	217	215
Georgia .....	39	1,219	-	43.5	1.54	1.11	152	182
Illinois .....	10	125	100.0	100.0	.59	.57	149	169
Kentucky .....	558	567	93.1	85.8	1.79	2.08	115	120
South Carolina .....	-	212	-	-	-	1.17	-	164
Tennessee .....	1,236	1,326	91.7	79.2	1.04	1.12	121	121
Texas .....	44,256	44,861	100.0	99.8	1.62	1.57	118	108
Texas .....	44,256	44,861	100.0	99.8	1.62	1.57	118	108
Utah .....	13,438	14,116	89.3	89.0	.40	.44	124	118
Nevada .....	2,364	2,530	100.0	99.7	.43	.47	185	181
Utah .....	11,074	11,586	87.0	86.7	.40	.43	111	104
Virginia .....	14,894	15,969	85.1	85.0	.88	.88	168	160
Delaware .....	91	227	84.0	51.7	.84	.71	202	195
Florida .....	817	902	95.0	90.0	.62	.58	227	236
Georgia .....	2,984	3,085	78.4	72.9	1.04	1.06	177	174
Indiana .....	17	56	-	-	.40	.58	163	164
Kentucky .....	-	60	-	100.0	-	.58	-	158
Maryland .....	-	21	-	-	-	.47	-	179
Massachusetts .....	1,063	1,299	77.3	89.9	.78	.93	170	175
Michigan .....	-	113	-	100.0	-	1.09	-	186
New Jersey .....	671	911	99.6	97.8	.58	.58	178	178
North Carolina .....	3,830	4,066	98.2	97.3	.86	.85	172	169
Ohio .....	18	-	-	-	.63	-	143	-
South Carolina .....	852	917	94.4	94.1	1.08	.99	180	162
Tennessee .....	1,173	1,128	100.0	100.0	1.36	1.38	130	131
Virginia .....	3,329	3,127	67.9	70.8	.74	.72	150	152
Wisconsin .....	49	59	-	-	.57	.57	173	173
Washington .....	4,466	4,326	100.0	99.8	.83	.91	155	161
Washington .....	4,466	4,326	100.0	99.8	.83	.91	155	161
West Virginia .....	77,433	81,193	83.2	78.9	1.29	1.31	100	158
Alabama .....	1,569	36	67.1	17.7	.89	.66	140	142
Delaware .....	1,322	1,322	96.7	95.8	.63	.68	180	184
Florida .....	1,766	1,985	93.4	87.3	.93	.89	198	184
Georgia .....	2,226	1,345	62.3	99.3	.54	.56	220	247
Illinois .....	680	211	36.9	25.6	.55	.52	151	156
Indiana .....	336	370	-	57.5	.55	.55	151	198
Kentucky .....	3,053	2,833	74.7	41.1	.67	.62	129	129
Louisiana .....	152	200	100.0	100.0	.45	.51	159	206
Maryland .....	4,548	4,850	76.8	68.7	.84	.88	155	156
Massachusetts .....	2,371	1,348	96.7	85.9	.97	.96	171	168
Michigan .....	5,994	5,697	80.3	74.9	.65	.67	168	170
Minnesota .....	-	2	-	100.0	-	.95	-	169
New Hampshire .....	297	799	43.7	81.2	1.30	1.67	172	178
New Jersey .....	1,167	1,644	91.3	86.8	1.18	1.03	179	181
New York .....	3,207	3,995	87.1	88.3	1.52	1.56	160	160
North Carolina .....	5,038	5,088	81.0	79.7	.66	.65	175	177
Ohio .....	10,916	11,862	76.5	75.5	1.55	1.49	148	148
Pennsylvania .....	8,756	8,811	96.2	96.6	2.34	2.37	152	147
South Carolina .....	60	25	78.1	79.9	.78	.79	179	182
Tennessee .....	-	10	-	100.0	-	.57	-	158
Virginia .....	1,963	2,002	64.7	68.5	.78	.75	156	154
West Virginia .....	21,945	26,620	89.2	78.1	1.51	1.44	157	151
Wisconsin .....	69	136	-	-	1.29	1.22	171	165
Wyoming .....	167,717	161,898	84.5	85.0	.43	.44	131	133
Alabama .....	-	216	-	-	-	.44	-	170
Arkansas .....	11,252	9,984	100.0	100.0	.37	.39	161	162
Colorado .....	4,839	4,909	100.0	100.0	.37	.39	109	105
Georgia .....	1,207	1,850	-	-	.41	.36	153	156
Illinois .....	3,381	3,142	79.5	92.2	.40	.43	261	287
Indiana .....	10,565	10,948	82.5	83.5	.40	.39	128	128
Iowa .....	12,669	12,335	65.9	65.5	.41	.43	101	104
Kansas .....	11,768	12,847	85.7	91.7	.39	.41	118	122
Kentucky .....	506	213	100.0	65.2	1.42	.40	124	123
Louisiana .....	8,100	7,395	100.0	100.0	.50	.54	175	180
Michigan .....	2,770	2,142	42.9	30.2	.35	.34	112	110
Minnesota .....	6,345	6,525	99.6	99.3	.31	.31	117	117
Missouri .....	8,312	6,987	63.6	65.5	.41	.42	95	97

See footnotes at end of table.

**Table 16. Origin of Coal Received at Electric Utility Plants by Destination, January-November 1991 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1991	1990	1991	1990	1991	1990	1991	1990
<b>Wyoming</b>								
Nebraska .....	8,025	7,393	78.5	76.1	.41	.41	75	76
Nevada .....	384	544	100.0	100.0	.40	.45	200	203
New York .....	9	-	-	-	.43	-	191	-
Ohio .....	45	-	-	-	.40	-	142	-
Oklahoma .....	13,928	12,395	87.6	94.3	.44	.45	132	140
Oregon .....	1,608	819	55.9	100.0	.37	.37	109	108
South Dakota .....	-	11	-	-	-	.41	-	114
Texas .....	31,316	30,242	94.9	94.4	.42	.44	182	183
Washington .....	-	348	-	-	-	.35	-	127
Wisconsin .....	10,351	9,711	67.0	68.7	.40	.41	111	110
Wyoming .....	20,329	20,942	88.5	84.5	.59	.61	83	84
<b>Imported Coal</b>								
Canada .....	1,852	1,210	53.4	60.8	.59	.60	155	175
New Hampshire .....	-	34	-	-	-	.97	-	181
Colombia .....	1,583	985	48.1	66.4	.61	.61	153	173
Florida .....	1,583	880	48.1	74.3	.61	.61	153	171
Massachusetts .....	-	105	-	-	-	.56	-	190
Venezuela .....	269	191	84.3	42.5	.44	.47	165	183
Florida .....	42	40	-	-	.43	.63	127	171
Massachusetts .....	49	70	100.0	-	.59	.48	167	181
New Hampshire .....	179	81	100.0	100.0	.40	.39	174	189
<b>U.S. Total</b> .....	<b>701,244</b>	<b>724,241</b>	<b>85.6</b>	<b>82.5</b>	<b>1.26</b>	<b>1.29</b>	<b>145</b>	<b>146</b>

Notes: Total may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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Electric Power Monthly, updated on the 1st of the month

Monthly Energy Review, updated the last week of the month

Short Term Energy Outlook, updated 60 days after the end of the quarter.

## Methodology

### Weekly Data

Estimates of national weekly coal production are based on weekly carload data collected by the Association of American Railroads (AAR) from its members (Class I Railroads) and certain other railroads. EIA calculates the average number of tons per carload for each railroad's coal car fleet from information obtained from the most recent Quarterly Freight Commodity Statistics filed by Class I Railroads with the Interstate Commerce Commission (ICC) and from data made available by individual railroads. The average number of tons per carload is then multiplied by the number of cars loaded to obtain an estimate of weekly production shipped by AAR railroads.

Next, the weekly coal production estimate for a specific week is obtained by dividing the AAR rail tonnage for the week by a factor representing the proportion of quarterly AAR rail shipments to total quarterly coal production. Because this is done on a weekly basis, and prior to completion of current quarterly statistics, the factor is derived using ICC data on tons per carload and total carloadings and from EIA data on total production for the same quarter of the previous year. Figures for the same quarter of the year are used in order to reflect seasonal variation. In some cases, the ratio of rail tonnage to total production is adjusted to take additional, more current information into consideration, such as rail or coal strikes.

Once the U.S. weekly coal production estimate is determined, this total is split into two subtotals - the portion representing States, with little or no rail coal shipments, and the portion representing the remaining States, where a significant percentage of production is shipped by rail. The States with little or no railroad coal shipments are Alaska, Arizona, California, Georgia, Iowa, Kansas, Louisiana, Missouri, Texas, and Washington. With the exception of California and Louisiana, the weekly production data for each "nonrail" State are developed by multiplying the estimate of U.S. weekly coal production by the ratio of projected production, for each State to U.S. total projected production, for the current quarter. The methodology used to project State coal production is given in the EIA publication *Model Documentation of the Short-Term Coal Analysis System* (DOE/EIA-0394). The EIA contacts the sole producer in Louisiana and California to obtain weekly production data.

Estimates for the remaining States are in aggregate equal to the U.S. weekly coal production minus the estimated production from the nonrail States.

Estimates for "rail States" are based on the AAR carload data compiled by State of origin, including separate estimates for the anthracite and bituminous coal regions in Pennsylvania, eastern and western Kentucky and northern and southern West Virginia.

Each railroad is contacted at least annually for information concerning the distribution (by state of origin) of its railroad carloadings of coal. These distribution percentages are multiplied by the railroad's weekly loadings and ICC derived tonnage per carload figures, to derive the weekly tonnages loaded by State and by railroad. The tonnages loaded by the various railroads are then summed by each State to estimate total production shipped by AAR rail for that State. These tonnages are divided by the most recent ratio of annual AAR rail tonnage to total annual production for each State. The resulting weekly coal production estimates for the rail States are then adjusted to ensure that each State's production figure contributes proportionately to the weekly coal production estimate previously derived in aggregate for the rail States.

### Monthly Data

Preliminary estimates of monthly coal production by State are obtained by summing weekly coal production estimates published in the *Weekly Coal Production* report. If a week extends into a new month, the production is allocated by day, and the days are added to the month in which they occur. For weeks without holidays, the allocation is Monday through Friday, 18.4 percent each day; Saturday, 8 percent; and Sunday, 0 percent. For weeks with a holiday occurring on a day other than Sunday, the allocation is Sunday and the holiday, 0 percent; and any other day, 20 percent.

Preliminary weekly and monthly production estimates are revised quarterly when quarterly production data, become available. Preliminary weekly and monthly estimates are proportionately adjusted to conform to the quarterly production figure.

### Quarterly Data

Estimates of quarterly coal production are based on data collected quarterly on Form EIA-6, with certain adjustments. The national estimate of quarterly coal production is set equal to the quarterly U.S. coal production total as reported on the Form EIA-6. Based on 1988 through 1990 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of

the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent for 1988, 1 percent to 2 percent for 1989, and 0.3 percent to 3 percent for 1990.

The quarterly production data, although published throughout the year, are considered preliminary until EIA annual production data are finalized in September of the following year. At that time quarterly production data are revised (proportionately adjusted) to conform to the final annual production figures.

### Finalizing Annual Production

Preliminary total annual U.S. coal production, as reported in the *Weekly Coal Production* report in the first week in January of the following year, is the sum of revised monthly/quarterly estimates of production for the first 9 months (first three quarters) and a preliminary estimate of fourth quarter production derived from weekly estimates.

When production data for the fourth quarter of the year become available from Form EIA-6 in March of the following year, the preliminary fourth-quarter U.S. total production figure and corresponding State-level figures may or may not be revised, depending on the size of the difference between the estimates and fourth-quarter data. As a general practice, EIA does not revise the initial annual production estimates (determined initially in January of the following year). Weekly, monthly, and quarterly State and national production data are adjusted to conform to finalized annual production figures derived from Form EIA-7A, in September of the following year.

Based on 1988 through 1990 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from 0.02 percent to 0.08 percent for 1988, 0.09 percent to 0.14 percent for 1989, and 0.01 percent to 0.05 percent for 1990. Usually the EIA-7A coal production data are higher than the EIA-6 coal production data, due to differences in the threshold reporting requirements.